

# Nourhan Ebrahim

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## PERSONAL INFORMATION

- Gender: Female
- Date of Birth: August 20, 1994

## EDUCATION

- Bachelor of Engineering, Electronics & Computer Engineering Department – Jul-2017
- University of Menoufia, Egypt
- Grade: Excellent
- Information Technology Institute (ITI) Diploma

## SUMMARY

Experienced performance test engineer with a proven track record of 6 years in the software testing field. Proficient in various aspects of software testing, including automated testing and performance testing. Skilled in analyzing system performance, identifying bottlenecks, and implementing effective solutions. Adept at utilizing industry-standard tools and techniques to ensure optimal software performance and reliability. Committed to delivering high-quality results and driving continuous improvement in software testing processes.

## QUALIFICATIONS & SKILLS

- **Performance Testing:**
  - JMeter: Extensive experience in using JMeter to design and execute performance tests. Proficient in creating test plans, defining virtual user behavior, and generating performance reports.
  - Load Testing: Skilled in simulating high user loads to evaluate system performance, measure response times, and identify performance bottlenecks.
  - Stress Testing: Experienced in subjecting systems to high loads beyond normal capacity to assess stability and identify breaking points.
  - Scalability Testing: Proficient in testing system scalability by gradually increasing user loads to determine the maximum capacity and performance limits.
- **Manual Testing:**
  - Test Case Design and Execution: Skilled in designing comprehensive test cases and test scenarios to ensure maximum test coverage. Proficient in executing manual test cases, identifying defects, and documenting test results.
  - Defect Tracking: Experienced in using defect tracking tools, such as Jira or Bugzilla, to log and track defects throughout the software development lifecycle.
  - Regression Testing: Capable of performing regression testing to verify the system's stability and ensure that new features or changes do not introduce unintended issues.
  - Exploratory Testing: Proficient in conducting exploratory testing sessions to uncover defects that may not be captured in predefined test cases.
- **Agile Methodologies:**
  - Scrum: Experienced in working within Scrum teams, participating in sprint planning, daily stand-ups, sprint reviews, and retrospectives.
  - User Stories and Acceptance Criteria: Proficient in breaking down requirements into user stories and defining acceptance criteria to facilitate clear communication and alignment within the Agile team.

- **SQL:**
  - Query Writing and Execution: Proficient in writing SQL queries to retrieve, manipulate, and validate data stored in relational databases.
  - Database Validation: Skilled in verifying data integrity, consistency, and accuracy through SQL queries and comparing expected results with actual results.
  - Data Manipulation: Familiar with data manipulation operations, such as INSERT, UPDATE, DELETE, and JOIN, to prepare test data and perform data-driven testing.
- **Web Services:**
  - API Testing Tools: Proficient in using tools like Postman and SoapUI to test RESTful and SOAP-based APIs. Capable of sending requests, validating responses, and exploring API endpoints.
  - Authentication and Authorization: Experienced in handling authentication mechanisms like OAuth or JWT tokens during API testing to ensure secure and authorized access.
  - Data-Driven API Testing: Skilled in parameterizing API requests using test data from various sources, such as CSV files or databases, to validate different scenarios.
- **CI/CD Experience:**
  - GitLab: Proficient in leveraging GitLab for version control, repository management, and collaboration. Experienced in creating branches, merging code, and managing CI pipelines.
  - Jenkins: Skilled in configuring Jenkins to automate build processes, execute test suites, and deploy software to various environments. Capable of integrating with source control repositories for seamless CI/CD workflows.

## WORKING EXPERIENCE

### 1. Senior IoT Performance Test Specialist @\_VOIS (November 2022 - Present):

- Responsible for leading performance testing efforts for IoT projects.
- Designing and executing performance test scenarios using tools like JMeter.
- Analyzing test results, identifying performance bottlenecks, and providing recommendations for improvement.
- Collaborating with cross-functional teams to ensure the scalability and reliability of IoT systems.
- Participating in Agile ceremonies and providing test-related inputs during sprint planning and retrospectives.

### 2. Performance Consultant Engineer @Qcentris (CIB Bank) (May 2022 - November 2022):

- Collaborated with the client's team to understand performance testing requirements and objectives.
- Designed and executed performance test scripts using JMeter to simulate realistic user loads.
- Conducted load and stress testing to evaluate system performance and identify performance bottlenecks.
- Analyzed and interpreted performance test results, providing actionable recommendations for optimization.
- Worked closely with development teams to address performance issues and improve application **performance**.

### 4. Automation & Performance Test Engineer @Vodafone Intelligent Solution (\_VOIS) (July 2018 - May 2022):

- Developed and maintained mobile test automation frameworks using Selenium WebDriver and Appium.
- Designed and executed performance test scripts using JMeter to simulate realistic user loads.
- Designed and executed automated test scripts for mobile applications on Android and iOS platforms.
- Conducted compatibility testing across different devices, screen sizes, and operating systems.
- Collaborated with developers and product owners to identify and reproduce issues for resolution.
- Participated in Agile ceremonies, providing test-related inputs and ensuring timely delivery of quality software.

### 5. Software Test Engineer @Fawry integrated system (July 2018 - February 2020):

- Conducted manual testing of web-based applications, including functional, regression, and integration testing.
- Developed and executed test cases based on business requirements and user stories.
- Reported and tracked defects using bug tracking tools, following up on their resolution.
- Collaborated with development teams to reproduce and investigate reported issues.
- Assisted in the creation and maintenance of test documentation, including test plans and test scripts.

## ADDITIONAL INFORMATION

- **Programming Languages:**
  - Experienced in VBScript
  - Experienced in Java.
  - Very good knowledge in Python.
- **Languages**
  - Excellent command of spoken and written Arabic and English.
- **Certifications**
  - International Software Testing Qualifications Board – ISTQB – ITIDA 2017